

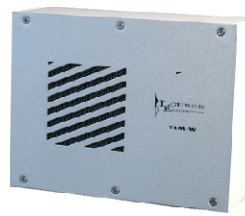
# TLM-W

## SPEAKER/MICROPHONE

### TECHNICAL DATA SHEET

#### DESCRIPTION

Model TLM-W is a two-way speaker/microphone with an electret condenser microphone and 4" speaker, all within one housing. As part of a Louroe Audio System, it provides 2-way communication between the remote area and the Louroe base station. Included with the TLM-W are two back boxes for flush or surface mounting to a wall or flat surface.



**MODEL TLM-W**  
**SPEAKER/MICROPHONE**  
Flush or Surface Mount

**Back Boxes**

**Flush Mount**  
(Plastic)



**Surface Mount**  
(Steel)

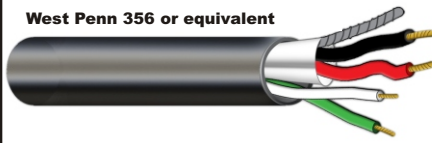
#### APPLICATION

- Sleep Disorder Labs
- Convenience Stores
- Security Entrances (Indoor)
- Parking Structures
- Therapy Labs
- Company Training Sessions
- Elevator Cabs

#### WIRING REQUIREMENTS

- 4 Conductor consisting of:
- 2 Conductor **shielded**, 20 gauge with 22 gauge drain (microphone connection)
  - 2 Conductor **unshielded**, 18 gauge (speaker connection)
- All in the same jacket

West Penn 356 or equivalent



## FEATURES

- Faceplate is 16 gauge CRS powder coated
- Face Plate Dimensions: 6¼"H x 8"W
- Microphone pre-amp contains sensitivity switch to lower gain
- Omni-directional microphone and 4" speaker
- Flush or surface mount to wall or flat surface
- May be installed up to 1,000' from base station

#### SPECIFICATIONS (Microphone portion of TLM-W)

Type:	Electret Condenser
Output:	Line Level (0dB@1KΩ)
Frequency response	40 Hz to 15 kHz ± 1 dB
Current drain	4 mA
Supply voltage	12 Vdc

#### SPECIFICATIONS (Speaker portion of TLM-W)

Power rating	4W
Input	70V constant
Frequency response	150 Hz to 12 kHz
Voice coil impedance	8Ω
Speaker size	4"

#### SPECIFICATIONS (Mechanical)

Dimensions (Face Plate)	6 ¼"H x 8"W
Backbox for TLM-W	
Surface Mount Box (metal)	6 ¼"H x 8"W x 2¾"D
Flush Mount Box (plastic)	
Backbox Portion	5"H x 6 ⅞"W x 2 ⅝"D
Total including flange	6 ¼"H x 8"W x 2 ⅝"D
Net Weight TLM with backbox	2.2 Lbs (1.13 Kg)

#### IMPORTANT NOTICE

When this equipment is used as part of an audio monitoring system, the law requires that the public be given notice of AUDIO MONITORING ON THE PREMISES. A decal notice is included with each microphone shipped.



Federal Law References:  
Federal Regulations, US Code, Title 18.  
Crime and Criminal Procedure, Sec 2510.